

SEQUENCES

SEQ ID	Clone ID Name	Sequence
SEQ ID NO:1	Round 1 (R1) CD28BP-71 (Clone 71)	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAATG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACATTATTATCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:2	Round 1 CD28BP-84 (Clone 84)	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAAGTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGCTGAGCATCATCTCTGGGCAAGTGGAAAG TGTGGCCTGAGTACAAGAACCGCACCTTCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAGAATGAGAAC GGGTCTTTTCAAGCGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTCCCTG TCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCAGCAGTGAAGTGG ATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGT GTCACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCTCCCATTTGATCAGCTTCCATTC TGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAGTGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:3	Round 1 CD28BP- 118 (Clone 118)	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAAGTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGCTGAGCATCATCTCTGGGCAAGTGGAAAG TGTGGCCTGAGTACAAAACCGCACCTTCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAGAATGAGAAC GGGTCTTTTCAAGCGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTG TCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCAGCAGTGAAGTGG ATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGT GTCACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCTCCCATTTGATCAGCTTCCATTC TGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAGTGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:4	Round 1 CD28BP- 126 (Clone 126)	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAATG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA

		GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTGCTTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:9	Round 2 CD28BP-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGCGACCTACACCTGCGTGGTTTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTGCTTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGGCATGTTGCGAGGTGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:10	Round 2 CD28BP-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTGCTTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:11	Round 2 CD28BP-7	ATGGGTCACACAATGAAGTGGAGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTGCTTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGATGA
SEQ ID NO:12	Round 2 CD28BP-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTGCTTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGATGA

		AAGATGCTCCGCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTCCAATGTGACAAATAACCACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:13	Round 2 CD28BP-9	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAGTGGAGTCTACATGATTA GCAGTGAAGTGGATTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:14	Round 2 CD28BP-10	ATGGGTACACAATGAAGTGGCGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAGGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGGAAGTGGAGTCTACATGATTA GCAGTGAAGTGGATTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:15	Round 2 CD28BP-11	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACGCATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGTCTACTGCGGTAGTTCTCT CTGCTTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:16	Round 2 CD28BP-12	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTTGGTGTCTACTGCGGTAGTTCTCT CTGCTTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:17	Round 2 CD28BP-13	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAATG ACTAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTAAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACATAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAACCTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:18	Round 2 CD28BP-14	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCGGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGCTGAGCATCATCTCTGGGCAAGTGGAAAG TGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCGTATTGTGAT CCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAGCCTGTTTTG AAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCC CTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTC AACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAT GCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTAGCAGTGAAC TGGATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCT GGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:19	Round 2 CD28BP-15	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCTTCTGTGATTACAACACATCCACTGAAGAATG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGCGCCCGTGGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:20	Round 2 CD28BP-16	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAATG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCG TATTGTGATCCTGGCACTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG

		CCTGTTTGTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCAGTAAGTGGTGCTTTGGTGCTCGCTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:21	Round 2 CD28BP-17	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAACCGCACCTTCCCCGACATCATTAACAACCTCTC CTTTATGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCCGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGTGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:22	Round 1 (R1) CTLA4BP-5	ATGGGCCACACACGAGGAGGAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAAATTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAACAGCTCTATACTGTTAGCAGCAAAC TGGATTTCATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:23	Round 1 CTLA4BP-7	ATGGGCCACACACGAGGAGGAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAAATTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCTCCTGGTTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:24	Round 1 CTLA4BP-11	ATGAGCCACACACGAGGAGGAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT

		GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:25	Round 1 CTLA4BP- 13	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCACCTCTTCTGGGTTGGAAAATGGGGAAGAAATAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACACCCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGCAGAGAGAGAAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO:26	Round 1 CTLA4BP- 27	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:27	Round 2 CTLA4BP- 5x2-10c	ATGGGCCACACACGGAGGCAGGGAATATCACCACCAAGTGTCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTCTCATTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCCGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGCAGAGAGAGAAGGAATGAGACACTGAGAAGGGAAAGTGTACG CCCTGTATGAC
SEQ ID NO:28	Round 2 CTLA4BP- 5x2-11d	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA

		ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGTATCCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCGATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAAA
SEQ ID NO:29	Round 2 CTLA4BP- 5x2-12F	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTT AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACCATGATGCTGCGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAAAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCCACTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:30	Round 2 CTLA4BP- 5x2-2g	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTT AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGCTGCGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGTATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:31	Round 2 CTLA4BP- 5x2-3c	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTT AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAGGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGCCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGCTGCGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGTATCCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGGGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAAG
SEQ ID NO:32	Round 2 CTLA4BP- 5x2-4c	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTT AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA

		ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATTAAT GGCATCAACACAACAGTTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGAG
SEQ ID NO:33	Round 2 CTLA4BP- 5x2-7b	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAATTTCTTTC GGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGGCTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAAGTGAAGTCTATGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:34	Round 2 CTLA4BP- 5x2-8c	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCAGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAGGAATTAAT GCCATCAACACAACAGTTTTCCCAAGACCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCCTGTATGAT
SEQ ID NO:35	Round 2 CTLA4BP- 5x3-10e	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGTTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGAT
SEQ ID NO:36	Round 2 CTLA4BP-	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA

	5x3-11b	AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTAGCACAA ACTCGCATCTACTGGCAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCTCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAGCACAAACAGTTTTCCAAGATCCTGAAACTGAGCTCTACACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO:37	Round 2 CTLA4BP- 5x3-6f	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAATTTCTTTT AGCTCTTGGTGCTAGCTGGTCTTTCTCACTTCTGTTTCAAGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTTCCAAGATCCTGAAACTGAGCTCTATACCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAGGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:38	Round 2 CTLA4BP- 5x4-11d	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTT AGCTCTTGGTGCTGGCTTGTCTTTCTCATCTCTGTTTCAAGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAT AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTGTCTAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:39	Round 2 CTLA4BP- 5x4-12c	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTT AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAAGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATCGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGAAGAATTAAT GCCATCAACACAACAGTTTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID	Round 2	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTT

NO:40	CTLA4BP-5x4-1f	AGCTCTTGGTGATGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGAC
SEQ ID NO:41	Round 2 CTLA4BP-5x5-2e	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTAGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:42	Round 2 CTLA4BP-5x5-6e	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCCCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAAGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:43	Round 2 CTLA4BP-5x6-9d	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCCTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGAT

SEQ ID NO:44	Round 2 CTLA4BP- 5x8-1f	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCTGACCTCAATTTCTTTT AGCTCTTGGTGTCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AGCCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAGGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:45	Round 2 CTLA4BP- 5x9-12c	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCTGACCTCAATTTCTTTT AGCTCTTGGTGTCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGCTTCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO:46	Baboon B7-1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCTACCTCAAGTTCTTTT AGCTCTTGGTGTCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCAAGATCCTGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT TGGATTTCAATATGACAACCAATCAGATTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGTTTTGCCCCAAGATGCAGAGAGAGAAAGGAATGAGACATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:47	Orangutan B7-1	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCTACCTCAATTTCTTTT AGCTCTTGGTGTCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGCACATATGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCGGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCACCTTCTAATATTAGAAGGATGATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAAACAGTTTTCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGGAATGAGACATTGAGAAGGGAAAGTGT ACGCCCTGTATGA

		ACGCCCTGTATGA
SEQ ID NO:48	Round 1 CD28BP-71 (Clone 71)	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPETKLYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQLPF QHLTWITIIIPVSAFGISVIIAVILTCLTCRNAAIRRORRENEVEMQSCSQSP
SEQ ID NO:49	Round 1 CD28BP-84 (Clone 84)	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDDQMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVQKQKNN GSFRREHLTSVTLIRADSPVPSITDIGHAPNVKIRCSASGGFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQLPF WV IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:50	Round 1 CD28BP- 118	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDDQMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVQKQKNN GSFRREHLTSVTLIRADFPVPSITDIGHAPNVKIRCSASGGFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQLPF WV IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:51	Round 1 CD28BP- 126	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PDLKGAYKLEHLTSVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPGTELYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:52	Round 2 CD28BP-1	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPGTELYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:53	Round 2 CD28BP-2	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPETKLYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYLPACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:54	Round 2 CD28BP-3	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPGTELYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:55	Round 2 CD28BP-4	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPGTELYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:56	Round 2 CD28BP-5	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVQK PVLKGAYKLEHLTSVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPGTELYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:57	Round 2 CD28BP-6	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPGTELYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:58	Round 2 CD28BP-7	MGHTMKWRSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTQSQDPGTELYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:59	Round 2 CD28BP-8	MGHTMKWGSLLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFVPVPSITDIGHAPNVKIRCSASGGFPEPRLAWMEDGE

SEQ ID NO:60	Round 2 CD28BP-9	ELNAVNTTVDQDLDELYSVSSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:61	Round 2 CD28BP-10	MGHTMKWRSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:62	Round 2 CD28BP-11	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:63	Round 2 CD28BP-12	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:64	Round 2 CD28BP-13	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVDQDLDELYSVSSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:65	Round 2 CD28BP-14	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIISGQVEVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQKPV KGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGEELN ATNTTTSQDPGTLEYMISSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPIQLP FWIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:66	Round 2 CD28BP-15	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:67	Round 2 CD28BP-16	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLAHVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:68	Round 2 CD28BP-17	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVDQDLDELYSVSSELDENVNTHSIVCLIKYGELSVSQIFPWSKPKQEPPI QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:69	Round 1 CTLA4BP-5	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTTSQDPGTLEYTVSSKLDNMNTNHSFMCLIKYGLRVNQTFWNWTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:70	Round 1 CTLA4BP-7	MGYTRRQGTSPSKCPYLKFFQLLVLAGLSHLCSGVIHVTNEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTSIDFEIPPSNIRRIICSTSGGFPEPHLWMDGEELN AISTTTSQDPGTLEYAVSSKLDNMNTNHSFMCLIKYGLRVNQTFWNWTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:71	Round 1 CTLA4BP-	MSHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHMTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE

	11	KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTTKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:72	Round 1 CTLA4BP- 13	MGHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:73	Round 1 CTLA4BP- 27	MSHTRRQGISPSKCPYLNFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGLNVSVVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:74	Round 2 CTLA4BP- 5x2-10c	MGHTRRQGISPPKCPYLNFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVTLVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:75	Round 2 CTLA4BP- 5x2-11d	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTDRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERKSNETLRRESVRPV
SEQ ID NO:76	Round 2 CTLA4BP- 5x2-12f	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVTLVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:77	Round 2 CTLA4BP- 5x2-2g	MGHTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYRFAPRCRERKSNERLRRESVRPV
SEQ ID NO:78	Round 2 CTLA4BP- 5x2-3c	MGYTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTREVKEVATLSCGHNVSVVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETGLYTVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:79	Round 2 CTLA4BP- 5x2-4c	MSHTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGLNVSVVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN GINTTVSQDPETELYTVSSKLDNFMTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:80	Round 2 CTLA4BP- 5x2-7b	MSHTRRQGISPSKCPYLNFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVTLVKAGFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTELYTVSSKLDNFMTANHSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:81	Round 2 CTLA4BP- 5x2-8c	MSHTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHMTKEVKEVATLSCGHNVSVVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:82	Round 2 CTLA4BP- 5x3-10e	MGYTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVHPV
SEQ ID	Round 2	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ

NO:83	CTLA4BP-5x3-11b	TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRSSDEGTYESVVLKYE KDAFKREHLAEVTL SVKADFP TPTSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AISTTVSQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRSNERLRRESVRPV
SEQ ID NO:84	Round 2 CTLA4BP-5x3-6f	MGHTRRQGISPSKCPYL NFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLAYCFAPGCRERKSNERLRRESVRPV
SEQ ID NO:85	Round 2 CTLA4BP-5x4-11d	MGHTRRQGISPSKCPYL KFFQLLVLACL SHLCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYD KDAFKREHLAEVTL SVKADFP TPTSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTANHSFVCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYRFAPRCRERKSNERLRRESVRPV
SEQ ID NO:86	Round 2 CTLA4BP-5x4-12c	MGHTRRQGTSPSKCPYL NFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVRPV
SEQ ID NO:87	Round 2 CTLA4BP-5x4-1f	MGHTRRQGTSPSKCPYL KFFQLLVMACL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPTSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:88	Round 2 CTLA4BP-5x5-2e	MGHTRRQGISPSKCPYL KFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:89	Round 2 CTLA4BP-5x5-6e	MGHTRRQGISPSKCPYL KFFQLLVLAGLPHLCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AISTTVSQDPETELYTVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKRNERLRRESVRPV
SEQ ID NO:90	Round 2 CTLA4BP-5x6-9d	MSHTRRQGTSPSKCPYL KFFQLLVLAGLSHLCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTANHSFVCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:91	Round 2 CTLA4BP-5x8-1f	MGHTRRQGISPSKCPYL NFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPPSNIRRIICSASGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNSHFMCLIRYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:92	Round 2 CTLA4BP-5x9-12c	MGHTRRQGTSPSKCPYL NFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:93	Baboon B7-1	MGHTRRQGISPSKCPYL KFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMLS VKADFP TPTSIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:94	Orangutan B7-1	MGHTRRQGTSPSKCPYL NFFQLLVLASL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVTL SVKADFP TPTSIDFEIPTSNIRRMICSTSGGFPEPHLSWLENGEELN AISTTVSQDPETELYAVSSKLDNFMTTNSHFMCLIKYGHRLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRSNERLRRESVRPV

SEQ ID NO:95	Round 2 CD28A12-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCGAAAAGGATAGTAAATGNTGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGTACCATCACTGACATGAACGATAACCTCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCAACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:96	Round 2 CD28A4-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGTGGCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCGAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCAACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:97	Round 2 CD28A4-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAAACTG ACAAGCCTTCGGATCTATTGGCGAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCAACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTTNA
SEQ ID NO:98	Round 2 CD28A6-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCGAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCAACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTTNA

		TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTCAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:99	Round 2 CD28A6-1	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATTTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCCGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGATAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTCAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:100	Round 2 CD28A8-4	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAGTGAAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTCAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:101	Round 2 CD28A8-6	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCCC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCCATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCGCTCAACACAACGGTTGACAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAGCTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAGTCAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:102	Round 2 CD28B2-8	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAGTGAAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT

		CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACGAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:103	Round 2 CD28B4-3	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTTGAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAATATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:104	Round 2 CD28B6-3	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTTGAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAATATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGAATGCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:105	Round 2 CD28B6-6	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTTGAAGGGGCTTATAAACTGGAGCACCTGACCTCCGTGACACTGTCCATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCTAATGTGAAAAGGAT AAGATGCTCCGCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGCGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTGTCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGA
SEQ ID NO:106	Round 2 CD28B8-5*	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTTGAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAATATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGGAAC TGAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTGTCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGA

		CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCACAATCCTCGGGCTGA
SEQ ID NO:107	Round 2 CD28C11-5	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAAGGCATCACCCTGAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAAACCACAGCATCGCGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGAGCAAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:108	Round 2 CD28C6-1	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAAGGCATCACCCTGAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGAGCAAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:109	Round 2 CD28C7-3	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAAGGCATCACCCTGAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAACCTGGATTTCATGTGACAAATAAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGAGCAAAACCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:110	Round 2 CD28C8-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAAGGCATCACCCTGAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGGTTTCATGTGACAAATAAACCACAGCATCGTGTGTCTCATCAAATACGG

		GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:111	Round 2 CD28C9-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAAGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCTGTGAGGTAAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAATCCTGGAATGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTNGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:112	Round 2 CD28C2-4	ATGGGCCACACGCTGAGGCGGGAACTCCACTGCCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG CGCATATACCTGGCAGAAGGACCAACAGATGGTGCTGAGCATCATCTCTGGGCAAGTGGAGG TGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGAT CTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAGCCTGTTTTG AAAGGGGCTTATAAACCGGAGCACCTGGCTTCCGTGAGGTAAATGATCAGAGCTGACTTCC CTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTC AACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAT GCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAAC AGTGTACAGACCTTCTACTGGCAAGATCCAAACCAACCCCTTCTGTCTAATCAGCACCTG ACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTCTGTGATCATTCAGATTATAC TAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAA AATGCAAGGTTGCTCTCAGTCTCCATAG
SEQ ID NO:113	Round 2 CD28D2-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAAGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCAGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATCCAGAAG CCTGTTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTAAATGATCAGAG CTGACTTCCCTGTCCCTACTGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTG CTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTA AATGCTACCAACACAACAGTTTCCCAAGATCCTGGAATGAGCTCTACATGATTAGCAGTG AACTGGATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGAGCT GTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAGCTT CCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACT GCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGG AACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:114	Round 2 CD28D2-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAAGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTAAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCGAGCTCTACATGATTA

		GCAGTGAACCTGGATTTC AATGTGACAAATAACCACAGCATCGTGTGCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCACAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:115	Round 2 CD28D8-9	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTC AATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:116	Round 2 CD28D11-1	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAAG AATGAGAACCGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTTC AATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCTAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCT CTTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:117	Round 2 CD28D12-5	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACTGTGTTATTCAGAAG CCTGTTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAC TGGATTTC AATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTG GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGCTGTCCCCATCTACTTAGGCTCTGCGCAACCCCTCGGGCTGA
SEQ ID NO:118	Round 2 CD28E10-6	ATGGGTACACACAATGGAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAC TGGATTTC AATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTG GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGCTGTCCCCATCTACTTAGGCTCTGCGCAACCCCTCGGGCTGA

		AAGATGCTCCGCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGGGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAAGTAAAGCGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:123	Round 2 CD28G2-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAAGTAAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCCGCGCAATCCTCGGGCTGA
SEQ ID NO:124	Round 2 CD28G1-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAAACCGCACCTTCCCCGACATCATTAACAACCTCTC CCTTATGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCTCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATTGTGTGTCTCATCAAATACGGGA GTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCCAAGTAAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:125	Round 2 CD28G1-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAAGTAAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:126	Round 2 CD28H4-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGATCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAAGTAAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTGTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTACTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCAAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGAAGCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:127	Round 2 CD28H11-3	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGCAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGAAGCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:128	Round 2 CD28H6-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAT GCTACCAACACAACAGTTTTCCAAGATCCTGGAAGTCACTGAGCTCTACATGATTAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTG GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:129	Round 2 CD28E2-4	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAGTCACTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGAAGCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:130	Round 2 CD28B4-5a	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAGTCACTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGAAGCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

[illegible]

		CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTAATGATGATCAGAGCTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAC TGAGCTCTACATGATTA GCAGTGAAC TGATTTC AATGTGACAAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTTCTACTGCGCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:131	Round 2 CD28A2-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGGTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAAC TAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGATTTC AACATGACAAGCAATCAGAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGGGAATGCAAAGTGCTCTCAGTCTCCATAGGTACCAAGCTTAAGTTTAAACCG
SEQ ID NO:132	Round 2 CD28B4-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGGACAAAGGGCACCTACACCTGCGTGGTTTCAAGAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGGTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAAC TAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGATTTC AATGTGACAAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTTCTACTGCGCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:133	Round 2 CD28D5-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GCAGTGAAC TGATTTC AACATGACAAGCAATCAGAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGTCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:134	Round 2 CD28D10-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GCAGTGAAC TGATTTC AACATGACAAGCAATCAGAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGTCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAATGCAAAGTTGCTCTCAGTCTCCATGA

		TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCTGAGAAG AATGAGAACCGGCTCTTTTACAGACGGGAGCACCTGACCTCCGTGACATGCTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCT ACTGCTTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGACAGT GGGAACTGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:135	Round 2 CD28E2-5*	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCACCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCCGTGGACAGTGGCACCTACACCTGTGTTATTCTGAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:136	Round 2 CD28E5-2	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCACCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCTGAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCGCAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:137	Round 2 CD28E8-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCACCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCTGAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACACGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:138	Round 2 CD28E9-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCACCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCTGAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACACGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA

		AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAATGAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGGCATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:139	Round 2 CD28F3-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAAAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTGTCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGGATTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:140	Round 2 CD28F3-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTCTCT ACTGCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGTGAAGT GGGAACTGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:141	Round 2 CD28F3-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCCGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:142	Round 2 CD28F11-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAAATGGTGTGGCCATCCTCGCTCGGAAAGAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATTTGTGTCCTTGTCAAGTATGGAGACTTAAC AGTGTCACAGACCTTCTACTGGCAAGAATCCAACCAACCCCTTCTGTCTAATCAGCACCTG ACCTGGACCATTTATTATCCAGTCTCAGCATTGGGATTTCTGTGATCATTGCAGTTATAC TAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGA AATGCAAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:143	Round 2 CTLA4BP 5x9-d10	ATGAGCCACACACGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGTTCTTGGTGTGCTGGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGTCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGCTTCCCAAGATCCTGGAACCTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATGCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCC ACTGTTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGC ACGCCCTGTATGA
SEQ ID NO:144	Round 2 CTLA4BP 5x6-f6	ATGGGCTACACACGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGCTCTTGGTGTGCTGGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTGTTGAAGAGCTGGCACA ACTCCCATCTACTGGCAAAAGGAGAAGAAAATGGTGTCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCTGCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAAATGGAATTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGGCTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:145	Round 2 CTLA4BP 5c5-h12	ATGGGCTACACACGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGTGCTGGCTAGTCTTTCCACTTCTGTTCAAGTGTTATCCACGTGACCAAGAA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGTCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAATGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAAATTTGCTC AACCTCTGGAGGTTTTTCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCGATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGCAGAGAGAGAAGGAGGAATGGGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:146	Round 2 CTLA4BP	ATGAGCCACACACAGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTTC AGCTCTTGGTGTGCTGGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA

	5x5-c10	<p>AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAGCACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCCCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAGCACAAACAGTTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTCAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG</p>
SEQ ID NO:147	Round 2 CTLA4BP 5x3-e8	<p>ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCGACTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAGGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAG</p>
SEQ ID NO:148	Round 2 CTLA4BP 5x3-c4	<p>ATGAGCCACATACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTTGCTTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCCGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAAT GCCATCAACACAACAGCTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGTTTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA</p>
SEQ ID NO:149	Round 2 CTLA4BP 5x3-c3	<p>ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTTCTCACTTCTGTTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCCCAATGTTTCCGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAAATTAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAG</p>
SEQ ID	Round 2	ATGAGCCACACACGGAGGCAGGGAATATCATCATCCAAGTGTCCATACCTCAAGTTCTTTTC

NO:150	CTLA4BP 5x2-h11	AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGAA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTGCAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:151	Round 2 CTLA4BP 5x2-d7	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCGAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCCTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGGGCTCTATACCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:152	Round 2 CTLA4BP 5x2-b7	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC GGCTCTTGGTGCTGGCTAGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:153	Round 2 CTLA4BP 5x2-b1	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGCACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGACCTGAGAAGGGAAAGTGT ACGCCCTGTATGGGGTACCAAGCTTAAGTTTAAACCGCANNATCAGCC

SEQ ID NO:154	Round 2 CTLA4BP 5x1-f1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGCACAAGAACCAGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTCTCTGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAC GCCATCAACACAACAGCTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:155	Round 2 CTLA4BP 5x1-d7	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAATTTCTTTTC AGCTCTTGGTGCTAGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGGGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACCTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAAATGGAATTTTGTGATATGCTGCCTGACTT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:156	Round 2 CTLA4BP 2x4-g9	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAGGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGATAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCAGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAACTAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTGTACTGTTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAAGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGAGGCAGAGAGAGAAGAGCAATGGGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:157	Round 2 CTLA4BP 2x4-a6	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTCTGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATGCTGNTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCGGTAAATGGAATTTTGTGATATGCTGCCCCACCT ACTGCTTTGCCCCAAGGTGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT

		ATGCCCTGTATGA
SEQ ID NO:158	Round 2 CTLA4BP 2x2-f3	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCACTTCTGTTTCAGGTGTTATCTACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGATTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATAGGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:159	Round 2 CTLA4BP 2x2-f12	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGGGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAAGTGAAGTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGCGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:160	Round 2 CTLA4BP 2x1-g8	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCGTTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:161	Round 2 CTLA4BP 2x1-f10	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCGTTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCTCGCCTGGATGGAAGATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAC TGGATTTAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA

		ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:162	Round 2 CTLA4BP 2x1-c9	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGCTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATAAAT GCCATCAGCACAAACAGCTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:163	Round 2 CTLA4BP 2x1-h12	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:164	Round 2 CTLA4BP 2x1-e2	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGATGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCTGAGCCTCACCTCTCCTGGCTGGAAAATGGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTGATGACGATAAAT TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTAGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCGAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTAT ACACCCTGTATGA
SEQ ID NO:165	Round 2 CTLA4BP 2x1-c4	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGCCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCAACTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTAGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCGAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTAT AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC

		CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:166	Round 2 CTLA4BP 2x1-b12	ATGGGCCACACACGGAGGCAGGGGATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTT AGCTCTTGGTGTCTGGCTGGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACATGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGCTCTGAAGTATGAA AAAGATGCTTTCAAGCAGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:167	Round 2 CTLA4BP 2x2-f1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTT AGCTCTTGGGGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCTATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAGGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTTCCAACTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGGGAAGAATTAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTACTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTCGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:168	Round 2 CTLA4BP 5x4-h1	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTT AGCTCTTGGTGTCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGAAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTTCCAACTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTTCTTGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCTAATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:169	Round 2 CTLA4BP 5x4-a1	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTT AGCTCTTGGTGTCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGCACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTTCCAACTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCTTGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCTAATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACACCCTGTATGA

		AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGGGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:170	Round 2 CTLA4BP 5x2-f3	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGCCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAGGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAAATTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCC ACTGCTTCGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:171	Round 2 CTLA4BP 5x2-e12	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGCTGGGGGCATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAAATTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTTCCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:172	Round 2 CTLA4BP 2x4-h11	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAAATTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAAGATGCAGAGGGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:173	Round 2 CTLA4BP 2x3-h2	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAAATTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAAGATGCAGAGGGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA

		TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGACATTTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAAGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGGAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:174	Round 2 CD28A12-5	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWRKDSKMXLAILPGKVQVWPEYKNRTITDMNDNLRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELLVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:175	Round 2 CD28A4-5*	MGHTMKWGSLLPPKCPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFVNTNNHSIVCLIKYELSVS QIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:176	Round 2 CD28A4-9	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFVNTNNHSIVCLIKYELSVS QIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCPACRHVARWKTRRNEETVGTERLSPIYLGSAQSR AEV PSLSX
SEQ ID NO:177	Round 2 Cd28A6-9	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYELSVS QIFPWSKPKQEPPID QLPFLVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:178	Round 2 CD28A6-1	MGHTMKWGSLLPPKRPCLWLPQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFVNTNNHSIVCLIKYELSVS QIFPWSKPKQEPPID QLPFRVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:179	Round 2 CD28A8-4	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYELSVS QIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:180	Round 2 CD28A8-6	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMPSCDYSTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHLTSVTL SIRADFPVPSITDIGH PAPNVKRI RCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDELTVSSELDFNVTNNHSIVCLIKYELSVS QIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:181	Round 2 CD28B2-8	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYELSVS QIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:182	Round 2 CD28B4-3	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYQESKPTPSAN QHLLTWIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVKMQSCSQSP
SEQ ID NO:183	Round 2 CD28B6-3	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYQESKPTPSAN QHLLTWIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVKMQSCSQSP
SEQ ID NO:184	Round 2 CD28B6-6	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTTCVIQK PVLKGAYKLEHLTSVTL SIRADFPVPSITDIGH PAPNVKRI RCSASGGFPEPRLAWMEDGE

		ELNAVNTTVDQDLDTELYSVSSELDFNATNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIVPVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:185	Round 2 CD28B8-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:186	Round 2 CD28C11-5	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIACLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:187	Round 2 CD28C6-1	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:188	Round 2 CD28C7-3	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:189	Round 2 CD28C8-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:190	Round 2 CD28C9-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:191	Round 2 CD28C2-4	MGHTLRPGTPLRCLHLKLELLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQMVLSIISGQVEVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQKPV KGAYKPEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGEELN ATNTTLSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHL TWTIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:192	Round 2 CD28D2-3	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVIQALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTDLGNPSPNIRRLICSTSGGFPRPHLYWLENGEEL NATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQL PFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:193	Round 2 CD28D2-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:194	Round 2 CD28D8-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVILPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:195	Round 2 CD28D11-1	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHLTSVTLISIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGEE LNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVILVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:196	Round 2 CD28D12-5	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK

		PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPAPNVKRIKIRCSASGDFPEPRLAWMEDGE ELNAVNTTVLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQLP FWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:197	Round 2 CD28E10-6	MGHTMEWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:198	Round 2 CD28F7-2	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPEPRLAWMEDGE ELNAVNTTVLDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:199	Round 2 CD28F8-4	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:200	Round 2 CD28F10-2	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPAPNVKRIKIRCSASGDFPEPRLAWMEDGE ELNAVNTTVLDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:201	Round 2 CD28F12-5*	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPAPNVKRIKIRCSASGDFPEPRLAWMEDGE ELNAVNTTVLDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:202	Round 2 CD28G2-8	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:203	Round 2 CD28G1-5	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVSSITDIGHAPAPNVKRIKIRCSASGGFPEPRLAWMEDGEE LNAVNTTVLDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:204	Round 2 CD28G1-9	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPAPNVKRIKIRCSASGGFPEPRLAWMEDGE ELNAVNTTVLDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:205	Round 2 CD28H4-3	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:206	Round 2 CD28H11-3	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAAVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:207	Round 2 CD28H6-6	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSGFPRPHLYWLENGEELN ATNTTVSQDPGTETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQLP FWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID	Round 2	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL

NO:208	CD28E2-4	TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOQ PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:209	Round 2 CD28B4-5a	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOQ PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:210	Round 2 CD28A2-5	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOQ PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPAPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTLEYSVSSELDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLLWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEGKCKVLSVSIGTKLKFN
SEQ ID NO:211	Round 2 CD28B4-5*	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOQ PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPAPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTLEYSVSSELDFNMTSNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:212	Round 2 CD28D5-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOQ PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQSFYWQESKPTPSAN QHLLWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:213	Round 2 CD28D10-4	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOQ NENGSRREHLTSVTLIRADFPVPSITDIGHAPAPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDTLEYSVSSELDFNMTSNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:214	Round 2 CD28E2-5*	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRPSDSGYTCVIOQ PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLLWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:215	Round 2 CD28E5-2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOQ PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFVNTNNRSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:216	Round 2 CD28E8-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOQ PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLLWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:217	Round 2 CD28E9-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOQ PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:218	Round 2 CD28F3-1	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOQ PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGK ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLLWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:219	Round 2 CD28F3-5	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOQ NENGSRREHLTSVTLIRADFPVPSITDIGHAPAPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDTLEYSVSSELDFNMTSNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG

SEQ ID NO:220	Round 2 CD28F3-6	MGHTMKWGS LPPKR PCLRLS QLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVII PVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:221	Round 2 CD28F11-8	MGHTMKWGS LPPKR PCLWL S QLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFMTSNLCLVKYGDLTVSQTFYWQESKPTPSANQHL TWIIIPVSAFGISVIIAVILTCLTCR NAAIRQRRENEVEMQSCSQSP
SEQ ID NO:222	Round 2 CTLA4 5x9-d10	MSHTRRQGTSPSKCPYLKFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIWQKGGKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPGTETYTVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESARPV
SEQ ID NO:223	Round 2 CTLA4 5x6-f6	MGYTRRQGTSPSKCPYLKFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TPIYWQKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVMSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYRFAPRCRERRRNERLRRESVCPV
SEQ ID NO:224	Round 2 CTLA4 5x5-h12	MGYTRRQGISPSKCPYLKFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTDRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNGRLRRESVRPV
SEQ ID NO:225	Round 2 CTLA4 5x5-c10	MSHTQRQGISPSKCPYL NFFQQLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVTL SVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AISTTVSQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTTKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:226	Round 2 CTLA4 5x3-e8	MGHTRRQGTSPSKCPYLKFFQQLVLAGLSHLCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVTL SVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPGCRERRRNERLRRESVCPV
SEQ ID NO:227	Round 2 CTLA4 5x3-c4	MSHTRRQGISPSKCPYL NFFQQLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVTL SVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:228	Round 2 CTLA4 5c3-c3	MSHTRRQGTSPSKCPYLKFFQQLVLASLSHFCSGVIHMTKEVKEVATLSCGPNVSVEELAQ TRIWQKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVTL SVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:229	Round 2 CTLA4 5x2-h11	MSHTRRQGISSKCPYLKFFQQLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKGGKMLVTMMSGDMNIWPECKNRTIFDITNNLSIVILALRPSDEGTYECAVLKYE KDAFKREHLAEVTL SVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:230	Round 2 CTLA4 5x2-d7	MGYTRRQGTSPSECPYLKFFQQLVLAGLSHFCSGVIHMTKEVKEVATLSCGLNVSVEELAQ TRIHQWKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETGLYTVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:231	Round 2 CTLA4 5x2-b7	MSHTRRQGISPSKCPYL NFFRLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMLVTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVTL SVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTANHSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL

SEQ ID NO:232	Round 2 CTLA4 5x2-b1	PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVRPV MSHTRRQGISPSKCPYLKFFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEHKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTGSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERRRNETLRRESVRPVWGTLKFKXPXIS
SEQ ID NO:233	Round 2 CTLA4 5x1-f1	MGHTRRQGISPSKCPYLKFFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGLNVSVVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEHKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVSKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTANHSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:234	Round 2 CTLA4 5x1-d7	MGYTRRQGTSPSKCPYLNFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSITDLEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:235	Round 2 CTLA4 2x4-g9	MGHTRRQGISPSKCPYLKFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKDKKMVLTMMSGDMNIWPEYKNQTFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKQEHLEAVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AISTTVSQDPGTELCVTSSKLDNFMTTNHSFMCLIRYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVKGIFVICCLTYCFAPRGRERKSNGRLRRESVHPV
SEQ ID NO:236	Round 2 CTLA4 2x4-a6	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AISTTVSQDPETELYAXSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCTPTCYFAPRCRERRRNERLRRESVCPV
SEQ ID NO:237	Round 2 CTLA4 2x2-f3	MGHTRRQGISPSKCPYLKFFQLLVLACL SHFCSGVIYVTKEVKEVATLSCGHNVSVVEELAQ TRIWQKEKKMVLIMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTECVVLKYE DAFKREHLAEVTLVSKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELNA INTTVSQDPGTETYTVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL SWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:238	Round 2 CTLA4 2x2-f12	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYGCVVLEYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHRLANQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:239	Round 2 CTLA4 2x1-g8	MGYTRRQGTSPSKCPYLNFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVSKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTNRSFVCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:240	Round 2 CTLA4 2x1-f10	MGYTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTVSQDPGTETYAVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGISVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:241	Round 2 CTLA4 2x1-c9	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSAABELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AISTTASQDPETELYTVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:242	Round 2 CTLA4 2x1-h12	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGLNVSVVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTNHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVCPV
SEQ ID NO:243	Round 2 CTLA4 2x1-e2	MGYTRRQGISPSKCPYLKFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSDDEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVSKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN

		AINTTVSQDPGTETYTVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESIHPV
SEQ ID NO:244	Round 2 CTLA4 2x1-c4	MGYTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLPCGHNVSVVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPGTETYAVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:245	Round 2 CTLA4 2x1-b12	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHMTKEVKEVATLSCGHNVSVVEELAQ TRIIYWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVALKYE KDAFKQEHLEAVTMSVKADFTPSTISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:246	Round 2 CTLA4 2x2-f1	MGHTRRQGISPSKCPYLKFFQLLGLACLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRLSDEGTYESVVLKYE KDAFKREHLAEVMSVKADFTPSTISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:247	Round 2 CTLA4 5x4-h1	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKRKHLAEVMSVKADFTPSTISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:248	Round 2 CTLA4 5x4-a1	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIYWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTNRSFVCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:249	Round 2 CTLA4 5x2-f3	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIYWOKEKKMVLTMMPGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLRYE KDAFKREHLAEVMSVKADFTPSTISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTHCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:250	Round 2 CTLA4 5x2-e12	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIHWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMSVKADFTPSTISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AISTTVSQDPGTETYAVSSKLDNFMTTNRSFVCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:251	Round 2 CTLA4 2x4-h11	MGYTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIYWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLRYE KDAFKREHLAEVMSVKADFTPSTISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYAVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLAYCFAPRCRGRRRNERLRRESVRPV
SEQ ID NO:252	Round 2 CTLA4 2x3-h2	MGHTRRQGTSPSKCPYLNFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVVEELAQ TRIIYWOKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYE KDAFKREHLAEVMSVKADFTPSTISDFEIPPSNIRRIICSTPGGFPEPRLAWMEDGEELN AISTTVSQDPGTETYAVSSKLDNFMTTNHSMCLIKYGLRVNQTFNWNTPKQEHFPDNL PSWAITLISVKGIFVICCLTYCFAPRWREKSNERLRRESVRPV
SEQ ID NO:253	Round 2 CTLA4 A-H3-6	ATGGGCCACACGCTGAGGCCGGGAACTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGCGCTGGCGGGTCTCCACTTCTCTCAGGTATCAGCCAGGTACCAAGTCCGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAAGTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTCTGGGCAAGTGGAAAG TGTGGCCTGAGTACAAAAACCGACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCTGTGCGACAAGGGCACCTACACCTGCGTGGTTCAGAAGAATGAGAAC GGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTG TCCCTAGCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAAC CTCTGGAGGTTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAATGCT ACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAAGTGG ATTTCAACATGACAAGCAATCAGAGCTTCTGTGTCTGTCAAGTATGGAGACTTAACAGT GTCACAGACCTTCTACTGGCAGAATCCAAACCAACCCCTTCTGCTAATCAGACCTGACC

		TGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATACTAA CATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAAT GCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:254	Round 2 CTLA4 A-B11-5	ATGGGGTCACACAATGGAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGGCAG CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:255	Round 2 CTLA4 A-E2-6	ATGGGCCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAAG AATGAGAACGGGTCTTTTCAAGCGGAGCACCTGACCTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:256	Round 2 CTLA4 A-F1-6	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAG AATGAGAACGGGTCTTTTCAAGCGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTGCGAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAGATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:257	Round 2 CTLA4 A-F6-9	ATGGGTACACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG

		AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:258	Round 2 CTLA4 A-H4-5*	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGGTTTTCCAGAGCCTCGCCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACAGCTCTACATGATTAGCA GTGAACCTGGATTTCAATGTGACAAATAACCCACAGCATCGTGTGTCTCATCAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAAACCAAGCAGGAGCCTCCCATGTATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGTCTACCTGCGGTAGTTCTCT ACTGCTTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACCTGAAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCTCGGGCTGAG
SEQ ID NO:259	Round 2 CTLA4 A-B4-6	ATGGATCACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTTCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATATTATATCCCGGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:260	Round 2 CTLA4 A-F10-1	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCCCACTGGTCTTTTTTACTTCTGTTCAGGTATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATATTATATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:261	Round 2 CTLA4 A-G8-1	ATGGGTACACAGTGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCCCCGTGCGGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAATGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA

		GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:262	Round 2 CTLA4 A-C9-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAACCCGACCTTCCCCGACATCATTAACAACCTCTC CCTTATGATCCTGGCACTGCGCCTGTGCGACAGGGGCACCTACACCTGCGTGGTTCAGAAG AATGAGAACGGGTCTTTTACAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCCGCA GTGAAGTGGATTTCAATGTGACAAATAACACAGCATCGTGTGTCTCATCAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCCTGGCCCGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:263	Round 2 CTLA4 A-H3-6	MGHTLRPPTPLPRCLHLKLCLLLALAGLHFFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQQMVLSIIISQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVVQKNEN GSFRREHLTSVTLIRADFPVPSINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGEELNA TNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHLT WTIIIPVSAFGISVIIIAVILTCLTCRNaAIRRQRRENEVEMQSCSQSP
SEQ ID NO:264	Round 2 CTLA4 A-B11-5	MGHTMEWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSATKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIIAVILTCLTCRNaAIRRQRRENEVEMQSCSQSP
SEQ ID NO:265	Round 2 CTLA4 A-E2-6	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNaAIRRQRRENEVEMQSCSQSP
SEQ ID NO:266	Round 2 CTLA4 A-F1-6	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNaAIRRQRRENEVEMQSCSQSP
SEQ ID NO:267	Round 2 CTLA4 A-F6-9	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIIAVILTCLTCRNaAIRRQRRENEVEMQSCSQSP
SEQ ID NO:268	Round 2 CTLA4 A-H4-5*	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPSITDIGHAPAPNVKIRCSASGGFPEPRLYWLENGE LNATNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQ LPFWIIPVSGALVLTAVVLYCLACHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:269	Round 2 CTLA4 A-B4-6	MDHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNaAIRRQRRENEVEMQSCSQSP
SEQ ID NO:270	Round 2 CTLA4 A-F10-1	MGHTMKWGSLLPPKRPLWLSQLLVPTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTSLQDPETKLYMISSELDNMTSNHSFLCLVKYGDLTVSQTLYWQESKPTPSANQ

		HLTWIIIPVSFAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:271	Round 2 CTLA4 A-G8-1	MGHTVKWGSLLPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALPLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWIIIPVSFAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:272	Round 2 CTLA4 A-C9-9	MGHTMKWGSLLPKRPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTFPDIINNLSLMILALRLSDRGTYTCVVQK NENGSRREHLTSVTLRIRADFPVPSITDIGHAPNVKRIKRSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDELYSVGSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIQD LPFWVIIIPVSGALVLTAVVLYCLARRHVARWKRTRRNEETVGTERTLSPIYLGSAQSSG
SEQ ID NO:273	Human B7- 1	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAATTTCTTTC AGCTCTTGGTGTGCTGGCTGGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:274	Rhesus B7-1	ATGGGCCACACACGGAGGCAGGAAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGTGCTGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACAAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTCTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AAACTCTGGAGGTTTCCAGAGCCTCACCTCTCCTGGTTGGAAAATGGAGAAGAATTAAT GCCATCAGCACACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAAC TGGATTTCAATATGACAACCAATCACAGTTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAACACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTATCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGTTTTGCCCCAAGGTGCAGAGAGAGAAGAAGGAATGAGACATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:275	Bovine B7-1 (cow)	ATGGGTCACACAATGAAGTGGGGAACACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGACAGGTGTGGCCTGAATACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG CATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTACAGAAG CCTGATTTGAAAGGGGCTTATAAATGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGGAAAGTTGCTCTCAGTCTCCA
SEQ ID NO:276	Rabbit B7-1	ATGGGCCACACGCTGAGGCGGGAACTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTCTATCGATGAAGTGGCGAGAATG

		CGCATATACTGGCAGAAGGACCAACAGATGGTGCTGAGCATCATCTCTGGGCAAGTGGAAG TGTGGCCTGAGTACAAGAACCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTGCGACAAGGGACCTACACCTGCGTGGTTGAGAAGAATGAGAAC GGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTG TCCCTAGCATAAATGACATTGGACATCCCGACCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGGTTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAGTGG ATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGT GTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCATT TGGGTCAATATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAACGA AAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:277	Cat B7-1	ATGGGTCACGCAGCAAAGTGGAACACCACTACTGAAGCACCCATATCCCAAGCTCTTTC CGCTCTTGATGTCTAGCTAGCTTTTTTACTTCTGTTTCAGGTATCATCCAGGTGAACAAGAC AGTGAAGAAGTAGCAGTACTACTCTGTGATTACAACATTTCCACCAAAGAAGTACGGAA ATTGCAATCTATTGGCAAAGGATGATGAAATGGTGTGGCTGTCTGTCTGGCAAAGTAC AAGTGTGGCCCAAGTACAAGAACCGCACATTCAGTACGTCACCGATAACCACTCCATTGT GATCATGGCTCTGCGCCTGTGAGACAATGGCAAATACACTTGTATTATTCAAAGATTGAA AAAGGCTCTTACAAGTGAAACACCTGACTTCGGTGATGTTATTGGTCAGAGCTGACTTCC CTGTCCCTAGTATAAATGATCTTGGAAATCCATCTCATAACATCAAAGGATAATGTGCTT AATCTCTGGAGGTTTTCCAAAGCCTCACCTCTCCTGGCTGGAAAATGAAGAAGATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTACACTATTGACAGTGAAC TGATTTCAATATGACAAACAACCATAGCTTCTGTGTCTTGTCAAGTATGGAAACTTACT AGTATCACAGATCTTCAACTGGCAAAAATCAGAGCCACAGCCTTCTAATAATCAGCTCTGG ATCATTATCCTGAGCTCAGTAGTAAGTGGGATTGTTGTGATCACTGCCTTACCTTAAGAT GCCTAGTCCACAGACCTGCTGCAAGGTGGAGACAAAGAGAAATGGGGAGAGCGCGGAAATG GAAAAGATCTCACCTGTCTACATAGATTCTGCAGAACCCTGTATGCAGAGCATCTGGAGG TAGCCTCTTTAGCTCTTCTCTACTAG
SEQ ID NO:278	Human B7-1 (signal sequence underline d)	MGHTRRQGTSPSKCPYLNFQQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIYWQKEKMLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTSIDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYAVSSKLDNFNMTTNHSMFLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:279	Rhesus B7-1	MGHTRRQGISPSKCPYLKFFQQLLVLAACLHLCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIYWQKEKMLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPPTSIDFEIPPSNIRRIICSTSGGFPEPRLSWLENGEELN AISTTVSQDPETELYTVSSKLDNFNMTTNHSMFLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:280	Bovine B7-1	MGHTMKWGSLLPPKRPCLWLSQQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETELYMISSELDNFNMTTNHSMFLCLVKYGNLLVSQIFNWQKSEPPIDQLPF QHLTWITIIIPVSAGFISVIIIAVILTCLTCRNAAIRQRRENEVEMQSCSQSP
SEQ ID NO:281	Rabbit B7-1	MGHTLRPGTLPRLCLHLKCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKQQMVLIIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGYTTCVVQKNEN GSFRREHLTSVTLIRADFPVPSITDIGHAPNVKRIKRSASGGFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDNFNMTTNHSMFLCLVKYGNLLVSQIFNWQKSEPPIDQLPF WV IIPVSGALVLTAVVLYCLACRHVARWKRTRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:282	Cat B7-1	MGHAAKWKTPLLKHPYKFLPLMLASLFYFCSGIIQVNKTVEEAVLSCDYNISTKELTE IRIYWQKDDDEMVLAVMSGKVQVWPKYKNRTFTDVTDNHSIVIMALRLSDNGKYTCIIQKIE KGSYKVKHLTSVMLLVRADFPVPSITDLGNPSHNIKRTMCLTSGGFPPHLSWLENGEELN AINTTVSQDPETELYTISSELDNFNMTTNHSMFLCLVKYGNLLVSQIFNWQKSEPPIDQLPF IIILSSVSGIVITALTLRCLVHRPAARWRQREMGRARKWKRSHLST
SEQ ID NO:283	CD28BP Consensus	MGHTMKWGSLLPPKRPCLWLSQQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPDELYMISSELDNFNMTTNHSMFLCLVKYGNLLVSQIFNWQKSEPPID QLPFVWIIIPVSGALVLTAVVLYCLACRHVARWKRTRNEETVGTERLSPIYLGSAQSSG
SEQ ID	CD28BP	MGHTMXWXSLLPPKXPCLXXXQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYXTSTEXL

NO:284	CGformC	TSLRIYWXXKDSKMLAILPGKVQVWPEYKNRTITDMNDNXRIVIXALRXSDXGTYTCVXQK PXLKGAYKLEHLXSVRLMIRADFPVXXXXDLGNPSNIRRLICSXXXGFPRPHLXLWLENGE ELNATNTTXSQDPXTXLYMISSELXFNVTNNXSIXCLIKYGELXVSQIFPWSKPKQEPPID QLPFXVIIIPVSGALVLAAXVLYXXACRHXARWKTRRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:285	CD28BP CG1c	MGHTMKWRSPLPPKRPCLWPSQLLVLTDLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRPSDKGTYTCVVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLXLWLENGE ELNATNTTVSQDPGETELYMISSELGFNVTNNHSIACLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLAADVLYRPACRHRGAWKTRRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:286	CTLA4BP Consensus	MGHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHWWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTSIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTNHSFMCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:287	CTLA4BP CGform	MGHTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIHWWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYX KDAFKRXHLAEVMSVKADFPPTSIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETXLYTVSSKLDNFMTANHSFMCLIXYGHRLRVNQTFNWNTPKQEHFPXNLL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCPV
SEQ ID NO:288	CTLA4BP CG1	MGHTRRQGTSPPECPLYKFFQLLVMAACLPHLCSGVIHVTREVKEVATLPCGLNVSVEELAQ TPIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYD KDAFKQKHLAEVMSVKADFPPTSIDFEIPPSNIKRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETGLYTVSSKLDNFMTADHNFMCILIRYGHRLRVNQTFNWNTPKQEHFPNNPL PSWAITLISANGIFVICCPTYRFAPRCRERKSNETLRRESVCPV
SEQ ID NO:289	CTLA4BP CG2	MGHTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIHWWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFPPTSIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFMCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCPV
SEQ ID NO:290	CD28BP CGformD	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMXSCDYXXSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDXGTYTCVXQK XXXXGXXXXEHLXSVXLXIRADFPVPSITDIGHAPNVKRIKRSASGXFPPEPLAWMEDGE ELNAVNTTVXXXLDTELYSVSSELDXNXTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIXXVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:291	CD28BP CG1d	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNASTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPNVKRIKRSASGDFPEPLAWMEDGE ELNAVNTTVQDLDTELYSVSSELDXNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:292	CD28BP CGformB	MGHTMKWGXLLPPKRPCLWLSQLLVLTGLFYFCSGXTPKSVTKRVKETVMLSCDYXTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRXSDSGTYTCVIQK PXLKGAYKLEHLXSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGX ELNATNTTXSQDPETKLYMISSELDXNXTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QHLTWTIIIPVSAFGISVIAVILTCLTCRNAAIRQRRENEVXMXSCSQSP
SEQ ID NO:293	CD28BP CG1b	MGHTMKWGTLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGK ELNATNTTTLSDPETKLYMISSELDXNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIAVILTCLTCRNAAIRQRRENEVKMESCSQSP